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*Klyayeva*

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Rept. 10 on Polycyclic Hydrocarbons. [1961] 13p.  
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Order from OTS or SLA \$1.60

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DESCRIPTORS: \*Hydrocarbons, \*Anthracenes, \*Coal  
tar, Boiling, Fractionation.

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*A. A. Kaito*

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No 1, 1944, pp 1222-1233  
FTD-TT-64-2235

*V. Kmonicek*

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Jun 65

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Knecht, D. F.  
RECOVERY OF AROMATIC HYDROCARBONS.  
[1963] Sp.  
Order from ATS \$13.50

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Trans. of Belgian patent 609,540, by E. L. De Pont de Nemours & Co., priority based on pat. appl. filed in U. S. A., 27 Oct 60, under 63,294.

DESCRIPTORS: \*hydrocarbons, Recovery.

(Engineering--Chemical, TT, v. 10, no. 5)

63-17323

I. Knecht, D. F.  
II. Patent (Belgium) 609 540  
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Glasstec, 1968, Vol. 60, No 7,  
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RL Ref: 9082.013(3080)

K. K N A C K

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Axial Forces in Axially Displaced Transformer  
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1955, pp 217-225.

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~~Knaak, R.~~

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MISSIONS BASED ON MEASURED ROAD HORSE-  
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radwechselgetriebe und Foettinger-Wandler auf Grund  
Gemessener Fahrleistungen). [1962] [18]p.  
Order from SLA \$1.60

62-18792

Trans. of V[erein] D[eutscher] I[n]genieure].  
Zeitschrift (West Germany) 1954, v. 96, no. 26,  
p. 899-903.

DESCRIPTORS: \*Passenger vehicles, \*Transmissions,  
Clutches. Gears. Automatic.

62-18792

I. Knaak, R.

on several routes, in normal operation. From the data obtained on the number of gear shifts and starts from a standing stop, it became possible, on the basis of the records of fuel flow and engine RPM, to predict the savings that could be obtained by installing torque converters of various sizes on the same bus. In particular, it was possible to throw some light on the horsepower output ranges which have a determinant effect on fuel consumption, and on the influence of torque converter size on the average fuel consumption. (Author)

PB-

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Stimulated Photoemission from Some Dielectrics and Its  
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By O. D. Knab pp 5

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 8, 1962  
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Electric Conductivity and Phase Design of Binary Alloys.  
22. Communication, The Palladium - Manganese System,  
G. Grube. 21. Communication, The Palladium - Chromium  
System, by G. Grube, R. ~~Heide~~ Knabe.

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P 22063 a, b.

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The Consolidation of Soil by the Walking  
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**Military Medical Board Evaluation for  
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Electrocardiography in the Practice of the Flight  
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Dissolution of Refractory Materials, by E. Forster,  
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Vol LIII, No 3, 1962, pp 141-143.

ED 5627

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Experimental Contribution to the Fundamentals  
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Vol XXXI, No 1, 1959, pp 50-54.

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Reduction of Iron Oxides, With Special Reference to  
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GERMAN, per, Archiv Eisenhüttenwesen, Vol. XIX,  
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Sci - Chem

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No 49, pp 1705-1712.

SLA 99-80053

Sci  
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Vol 2, No 12

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HEur - Germany  
Geo - Cartographic  
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(DC-5965)

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Metabolites in Sick Persons. Third Report.  
The Conversion of Tryptophan Into Nicotinic  
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B. Gessmann, A. Knapp, 20 pp.

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Butcher #1850, \$1.80

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Force Field Analysis, by E. Fromm, 14 p.

AUSTRIAN, par, Mensch und Arbeit, 1956, Vol VIII,  
No 3/4, pp 1-9.

SLA 99-20885

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Mechanics and Kinetics of Martensite Formation  
Without Diffusion, by H. Knapp, U. Dahlinger, 11 pp.

GERMAN, per, Acta Metal, Vol IV, 1956, pp 289-297.

ABU Tr 2684

Sci - Min/Metals  
Jan 57 GEB

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Conzelmann, Gerhard and Knapp, Heinrich.  
[THE ION-CURRENT MEASURING METHOD AND  
ITS USE IN THE OTTO ENGINE]. II. INTER-  
FERENCE SUPPRESSION AND IGNITION (Ionen-  
strommessung und Anwendungen am Ottomotor. II.  
Widerstandsenstörung und Entflammung). [1962]  
[17]p. (foreign text included) 2 refs.  
Order from SLA \$1.60

62-10728

Trans. of MTZ: Motortechnische Zeitschrift (West  
Germany) 1961, v. 22, no. 9, p. 339-341.

DESCRIPTORS: \*Internal combustion engines,  
Interference, Reduction, Ignition, Tests, \*Ionic  
current.

In the partial load range, the ignition of the fuel-air  
mixture by the spark is dependent upon the operating  
state of the engine and upon the effective cross sec-  
tion of the spark. A statistical method is derived  
(Machinery--Engines, TT, v. 8, no. 9) (over)

62-10728

- I. Title: Otto engine
- I. Conzelmann, G.
- II. Knapp, H.
- III. Title: Interference...

C225876

Office of Technical Services

from ion-current diagrams which permits an improved evaluation of the ignition in the engine over the measurements of revolutions and power. The influence of interference elimination resistors in the ignition circuit on the ignition is investigated with two engines of different manufacture and the results are interpreted. (Author)

PB-

62-10728

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HUNGARIAN, FOR, ~~SPITECNYER~~, Vol 12. 106  
No 9, 1960, pp 324-328.  
NTC 69-10881-118

*O. Knapp*

*O. Knapp*

Expansivity and the Structure of the  
Soda Lime Glasses, by O. Knapp. 10 pp.  
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1964, pp 240-243  
AIR/FTD-HQ-23-1529-71

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Kaupp, O.  
METHOD FOR DETERMINING CHEMICAL RESIST-  
ANCE OF GLASS HOLLOW-WARE. [1961] 7p.  
Order from ATS \$9.00      ATS-01NS70

Trans. of Silikat Technik (East Germany) 1960  
v. 11, no. 4, p. 149-151.

DESCRIPTORS: \*Glass

(Materials--Ceramics, TT, v. 7, no. 6)

12-12384

I. Kaupp, O.  
II. ATS-01NS70  
III. Associated Technical  
Services, Inc., East  
Orange, N. J.

197108

Office of Technical Services

Knapp, Oscar.  
THE SUPERVISION OF THE ANNEALING OF PLATE  
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Order from SLA \$1.10

63-14389

Trans. from Keramische Rundschau (und Kunstkeramik  
(Germany) 1932, no. 16.

DESCRIPTORS: \*Annealing, \*Glass, Sheets, Colors,  
\*Quality control.

The inspection of the annealing of plate glass can be  
done by cutting a plate from an annealed sheet and de-  
termining the strains from the sample. If the sample  
shows an unfavorable result, the annealing time and  
temperatures must be adjusted in such a way that the  
strains in the sample fall within the limit. After the  
lehr is adjusted right, the annealed glasses must be  
inspected continually. It is sufficient to cut a piece  
(Materials--Ceramics, TT, v. 10, no. 5) (over)

63-14389

I. Knapp, O.

A242686

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Kaack, Oscar.  
THE STATE OF MIXTURE HOMOGENIZATION (Der  
Stand der Gemengsthomogenisierung). (1961) (17p).  
(foreign text included).  
Order from SLA \$1.60

62-10670

Trans. of Silikat Tech(nik) (East Germany) 1961, v. 12,  
no. 2, p. 67-70.

DESCRIPTORS: \*Mixtures, \*Glass, Ball mills, Mixing,  
Particles, Optics, Processing, Control, Weights  
(Analytical).

(Materials--Ceramics, TT, v. 8, no. 2)

62-10670

L. Kaack, O.

C221745

Office of Technical Services



Knapp, Oscar.

THE GENESIS OF CRYSTALS IN SILICATE GLASSES

(Die Entstehung der Kristalle in Silikatgläsern). [1962]

[10]p. (foreign text included) 12 refs.

Order from SLA \$1.10

62-18119

Trans. of Silikat Technik (East Germany) 1957, v. 8,  
no. 6, p. 231-232.

DESCRIPTORS: \*Silicates, \*Glass, \*Crystallization,  
Crystals, Lattices, Polymerization, Nucleation.

(Materials--Ceramics, IT, v. 9, no. 5)

62-18119

1. Title: Tammann theory

1. Knapp, O.

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Knapp, Oscar.  
CRYSTALLIZATION PROPERTIES AND COMPOSITION  
OF SILICATE GLASSES (Kristallisationsvermögen und  
Zusammensetzung der Silikatgläser). [1962] [16p.  
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Order from SLA \$1.60

62-14873

Trans. of Silikat Technik (East Germany) 1959, v. 10,  
no. 5, p. 405-408.

DESCRIPTORS: \*Glass, \*Silicates, Crystallization,  
Solids, Liquids, Temperature, \*Fused materials,  
Statistical analysis, Heat treatment, \*Magnesium com-  
pounds, Oxides, \*Lead, Organic compounds, \*Ceramic  
materials, Production.

(Materials- Ceramics, TT, v. 9, no. 5)

62-14873

I. Knapp, O.

C227834

Office of Technical Services

Knepp, Oscar.  
CALCULATION OF THE VISCOSITY OF ALKALI  
AND ALKALI-LIME GLASSES FROM THEIR COM-  
POSITION [Berechnung der Zähigkeit von Alkali- und  
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[1961] [5]p. 2 refs.  
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Trans. of Glastechnische Berichte (West Germany)  
1960, v. 33, no. 9, p. 338-339.  
Pub. in greater detail in Hungarian in Építészeg.  
(Hungary) 1959, v. 11, p. 393-396.

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1. Glass--Viscosity  
1. Knepp, O.

The Chemical Composition of Vacuum-Technique  
Glasses, by Oscar Hump Knapp, 5 pp.

GUTMAN, <sup>732</sup> ~~732~~, Silbartechnik, Vol VI, Book 3,  
Mar 1975.

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ON THE MANUFACTURE OF TELEVISION TUBES  
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(Foreign text including 11 refs)  
Order from SLA \$1.60

Trans. of Elektrotech. (East Germany) 1963,  
v. 11, no. 9, p. 404-407.

(Engineering--Electronic, TT, v. 12, no. 2)

TT-44-14073

I. Knapp, O.

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Determination of the Viscosity-Temperature Curve  
With the Aid of Two Fixed Points, by Oscar Knapp,  
3 pp.

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pp 94, 95.

SIA 59-10934

Sci - Chem  
Sep 59  
Vol 2, No 1

97, 921

Effects of Gibberellins on Trees, by G. Melchoir,  
R. Knapp.

GERMAN, per, Silva Genetica, Vol XI, No 2,  
1962, pp 29-39.

CHIRO/No 6124

Sci-Biol

Oct 63

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R-4310-D

Investigations Into the Cultural-Biochemical,  
Serological Animal-Experimental and Immunological  
Properties of Bacterial Organism Presently  
Called "Pasteurella X", by W. Knapp, E. Thal.

GERMAN, ?, Sondardruck aus dem Zentralblatt  
fuer Bakteriologie, Parasitenkunde, Infekt-  
ionskrankheiten und Hygiene, No 190, 1963, #  
pp 472-484.

\*JPRS/ABL CA-18(T-232-1)

Sci

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Improvement for Doors of Cold-Storage Rooms,  
by W. Knapp.

GERMAN, per, Kältetechnik, Vol IX, No 9,  
1957, pp 290-292.

CSIRO 3892

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May 62

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Outlying Area Installations, by Klappe, 29 pp.

GERMAN, Siemens & Halske, W. Pg Ta III, Munich,  
21 Jul 1954.

SIA 57-1345

Sci  
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Determination of the Calcium Content in Urine  
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C.S.I.R.O. 4539

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